AMENDMENTS TO THE CLAIMS

The listing of the claims will replace the previous version, and the listing of the claims:

LISTING OF THE CLAIMS

1. (currently amended) A fluoroscopy image apparatus, comprising:

two-dimensional radiation sensor arrays formed of photoelectric conversion elements for outputting charge signals corresponding to an incident amount of radiation,

switches arranged in a matrix form under the radiation sensor arrays and connected to the photoelectric conversion elements,

a gate drive circuit connected to the switches for turning on the respective switches in case of reading out the charge signals,

a readout amplifying circuit connected to the sensor arrays for reading out the charge signals stored in respective pixels,

a control circuit connected to the gate driver circuit and the readout amplifying circuit for controlling the same,

a digital-to-analog switching circuit connected to the control circuit for switching between a digital video control and an analog video control so as to use one of the controls,

a TV reference signal circuit connected to the control circuit and the gate drive circuit for controlling the gate drive circuit in the analog video control, said TV reference signal circuit having a horizontal scanning/synchronization pulse waveform generating circuit and a vertical scanning/synchronization pulse waveform generating circuit, and

a picture signal superimpose circuit connected to the TV reference signal circuit and the readout amplifying circuit, said gate driver circuit, upon actuating the analog video control, being driven by signals from the TV reference signal circuit for taking out picture signals from the radiation sensor arrays through the readout amplifying circuit and said picture signal superimpose

circuit superimposing the picture signals on the signals from the TV reference signal circuit by synchronizing with the signals from the TV reference signal circuit to thereby output a TV analog video signal.

2. (previously presented) A fluoroscopy image apparatus according to claim 1, further comprising a pixel control circuit connected to the gate driver circuit and the readout amplifying circuit for controlling the same so that a plurality of pixels is joined as one pixel unit when the charge signals of the radiation sensor arrays are read out and scanned as the analog video control.

3. (previously presented) A fluoroscopy image apparatus according to claim 2, wherein said pixel control circuit is operated in the analogue video control.

4. (original) A fluoroscopy image apparatus according to claim 1, further comprising wireless transmitting means for wirelessly transmitting the outputted analog video signal.

5. (cancelled)

6. (currently amended) A fluoroscopy image apparatus according to claim 1, further comprising a correction processing circuit connected to the readout amplifier so that sensitivity correction and offset correction are carried out per sensor, and image processing circuit connected to the correction processing circuit to output a digital video signal <u>separately from the picture signal superimpose circuit so that the fluoroscopy image apparatus is generally operated by the digital video control and is operated by the analog video control when the control circuit is not operated properly</u>.

7. (new) A fluoroscopy image apparatus according to claim 6, wherein said correction processing circuit is also connected to the picture signal superimpose circuit.

8. (new) A fluoroscopy image apparatus according to claim 7, wherein said control circuit is used only in the digital video control.